

General

Title

Lipid management in adults: percentage of patients with diagnosed coronary heart disease (CHD) or CHD equivalent who have had a diet evaluation.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Lipid management in adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Oct. 72 p. [109 references]

Measure Domain

Primary Measure Domain

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of patients with diagnosed coronary heart disease (CHD) or CHD equivalent who have had a diet evaluation.

Rationale

The priority aim addressed by this measure is to increase adherence with adjunctive treatment of patients with coronary heart disease (CHD) or CHD equivalent through education.

Primary Clinical Component

Coronary heart disease (CHD); diet evaluation

Denominator Description

Number of patients age 20 to 75 years old with diagnosed coronary heart disease (CHD) or CHD equivalent whose records are reviewed (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

Numerator Description

Number of patients with diagnosed coronary heart disease (CHD) or CHD equivalent who have had a diet evaluation

Evidence Supporting the Measure

Evidence Supporting the Criterion of Quality

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

Evidence Supporting Need for the Measure

Need for the Measure

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

Internal quality improvement

Application of Measure in its Current Use

Care Setting

Physician Group Practices/Clinics

Professionals Responsible for Health Care

Physicians

Lowest Level of Health Care Delivery Addressed

Group Clinical Practices

Target Population Age

Age 20 to 75 years

Target Population Gender

Either male or female

Stratification by Vulnerable Populations

Unspecified

Characteristics of the Primary Clinical Component

Incidence/Prevalence

Unspecified

Association with Vulnerable Populations

Unspecified

Burden of Illness

Unspecified

Utilization

Unspecified

Costs

Unspecified

Institute of Medicine (IOM) Healthcare Quality Report Categories

IOM Care Need

Living with Illness

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding

Users of care only

Description of Case Finding

All patients age 20 to 75 with diagnosed coronary heart disease (CHD) or CHD equivalent

The preferred way to collect these data:

All patients 20 to 75 years old with diagnosed CHD or CHD equivalent could be identified. Each medical group would select at random 20 patients from this list for measurement each month. Medical records of these 20 patients would be reviewed to determine if a diet evaluation has been done.

An alternative way to collect the data if automated databases are not available for all patients to be measured:

All patients 20 to 75 years old with diagnosed CHD or CHD equivalent in the previous 12 months would be identified at the medical group using International Classification of Diseases, Ninth Revision (ICD-9) diagnostic codes from the previous 12 months. Each medical group would select at random 20 patients from this list for measurement each month. Medical records of these 20 patients would be reviewed to determine if a diet evaluation has been done.

Data on 20 patients are collected monthly and reported quarterly.

Denominator Sampling Frame

Patients associated with provider

Denominator Inclusions/Exclusions

Inclusions

Number of patients age 20 to 75 years old with diagnosed coronary heart disease (CHD) or CHD equivalent* whose records are reviewed

*Include all those who received one or more of the following International Classification of Diseases, Ninth Revision (ICD-9) codes in the previous 12 months: 410 to 414.9, V45.81 (coronary bypass), or V45.82 (angioplasty). Even if a patient has never been diagnosed with a lipid disorder, and/or is not on lipid lowering treatment, they may be included if they are 20 to 75 years old and have diagnosed heart disease.

Exclusions

Unspecified

Relationship of Denominator to Numerator

All cases in the denominator are equally eligible to appear in the numerator

Denominator (Index) Event

Clinical Condition

Denominator Time Window

Time window precedes index event

Numerator Inclusions/Exclusions

Inclusions

Number of patients with diagnosed coronary heart disease (CHD) or CHD equivalent who have a diet evaluation

Exclusions

Unspecified

Measure Results Under Control of Health Care Professionals, Organizations and/or Policymakers

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

Numerator Time Window

Episode of care

Data Source

Administrative data

Medical record

Level of Determination of Quality

Individual Case

Pre-existing Instrument Used

Unspecified

Computation of the Measure

Scoring

Rate

Interpretation of Score

Better quality is associated with a higher score

Allowance for Patient Factors

Unspecified

Standard of Comparison

Internal time comparison

Evaluation of Measure Properties

Extent of Measure Testing

Unspecified

Identifying Information

Original Title

Percentage of patients with diagnosed CHD or CHD equivalent who have had a diet evaluation.

Measure Collection Name

Lipid Management in Adults Measures

Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

Developer

Institute for Clinical Systems Improvement - Nonprofit Organization

Funding Source(s)

The following Minnesota health plans provide direct financial support: Blue Cross and Blue Shield of Minnesota, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne, and UCare Minnesota. In-kind support is provided by the Institute for Clinical Systems Improvement's (ICSI) members.

Composition of the Group that Developed the Measure

Work Group Members: Tony Woolley, MD (Work Group Leader) (Park Nicollet Health Services) (Internal Medicine); Stephen Kopecky, MD (Mayo Clinic) (Cardiology); Thomas Kottke, MD (HealthPartners Medical Group) (Cardiology); Patrick O'Connor, MD (HealthPartners Medical Group) (Family Medicine); Susan Hanson, RD (Park Nicollet Health Services) (Health Education); William Conroy, MD (Park Nicollet Health Services) (Internal Medicine); Denise Dupras, MD (Mayo Clinic) (Internal Medicine); Phillip Kofron, MD,

MPH (Park Nicollet Health Services) (Internal Medicine); Robert Needham, MD (Lakeview Clinic) (Internal Medicine); Deb J. Johnson, MSN (Marshfield Clinic) (Nursing); Mikel K. Bofenkamp, PharmD (Park Nicollet Health Services) (Pharmacy); Sarah Groen, PharmD (HealthPartners Medical Group) (Pharmacy); Kathy Cummings, RN, BSN, MA (Institute for Clinical Systems Improvement) (Facilitator); Linda Setterlund, MS, CPHQ (Institute for Clinical Systems Improvement) (Facilitator)

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Steven L. Kopecky MD is a consultant for Bayer, Fibrex, ParinGenix, Pinnacle Care, Prime Therapeutics and has received grant research support from AtherGenics, Integrium and Reliant.

Patrick J. O'Connor MD has received research funding from AHRQ, NHLBI, NIPPIS and NIA. All grant monies go to the HealthPartners Research Foundation. He also is a member of American Diabetes Association.

No work group members have potential conflicts of interest to disclose.

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Adaptation

Measure was not adapted from another source.

Release Date

2003 Jul

Revision Date

2009 Oct

Measure Status

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Lipid management in adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2007 Jun. 77 p.

Source(s)

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Measure Availability

The individual measure, "Percentage of Patients with Diagnosed CHD or CHD Equivalent Who Have Had a Diet Evaluation," is published in "Health Care Guideline: Lipid Management in Adults." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#) .

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org ; e-mail: icsi.info@icsi.org.

NQMC Status

This NQMC summary was completed by ECRI on April 28, 2004. This NQMC summary was updated by ECRI Institute on June 9, 2005, August 21, 2005, August 4, 2006, October 1, 2007, and again on June 9, 2010.

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